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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2017-06-22-04** **Date: 26-06-17**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar.Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/117/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-06-17
Sample ID No	:	2017-06-22-04/05
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	22/06/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.53	100.51	1.136	4480	91.8	20.5	19.1	23.8
2	Cover Slab-2	75.54	100.62	1.120	4481	95.3	21.3	19.8	24.7
3	Cover Slab-3	75.62	100.48	1.158	4490	93.5	20.8	19.4	24.2

Note:
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All information furnished by the Customer/Representative
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Prepared by
Harshitha

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಎಂ. ರಸ್ತೆ, ಶಿವೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 07-07-17

Lab ID	:	**CP-2017-07-05-01**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar.Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/117/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-07-17
Sample ID No	:	2017-07-05-01/02
Customer ID	:	Drain concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	07/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain concrete	M20	30/06/2017	07/07/2017	151.72 X 150.44 X 150.82	22825	8.289	385.7	16.9	17.1
2	Drain concrete	M20	30/06/2017	07/07/2017	149.63 X 148.98 X 149.78	22292	8.248	376.7	16.9	
3	Drain concrete	M20	30/06/2017	07/07/2017	150.21 X 150.36 X 150.65	22586	8.218	393.0	17.4	

Note:
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Prepared by
Harsitha

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B.KARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಬಿ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-07-05-01** **Date: 07-07-17**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.

Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar.Bangalore-560010

Customer's Reference : BBMP/EE/DD/WO/117/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 05-07-17

Sample ID No : 2017-07-05-01/03

Customer ID : Drain concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain concrete	M20	30/06/2017	07/07/2017	148.68 X 149.87 X 150.55	22283	8.291	394.4	17.7	18.0
2	Drain concrete	M20	30/06/2017	07/07/2017	150.56 X 151.73 X 151.68	22844	8.288	408.9	17.9	
3	Drain concrete	M20	30/06/2017	07/07/2017	150.47 X 149.78 X 151.36	22537	8.263	412.4	18.3	

Note:
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Prepared by
Harsitha

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಾಳ ಉಪವಿಭಾಗ, ಶಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ಆಸ್ಪತ್ರೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Authorized Signatory
Quality Manager

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Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2017-07-05-01 **Date: 08-07-17**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.

Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar.Bangalore-560010

Customer's Reference : BBMP/EE/DD/WO/117/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 05-07-17

Sample ID No : 2017-07-05-01/04

Customer ID : Drain concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain concrete	M20	01/07/2017	08/07/2017	150.27 X 150.56 X 150.36	22625	8.281	380.1	16.8	17.4
2	Drain concrete	M20	01/07/2017	08/07/2017	151.73 X 150.48 X 149.87	22832	8.154	413.3	18.1	
3	Drain concrete	M20	01/07/2017	08/07/2017	149.68 X 150.74 X 150.37	22563	8.189	390.3	17.3	

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Prepared by
Harsitha

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆ ಉಪವಿಭಾಗ, ಶಾಸರಹಳ್ಳಿ ವಲಯ
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ಬಿ.ಬಿ.ಎಂ.ಪಿ, ರವೀಂದ್ರನಗರ, ಬೆಂ

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Authorized Signatory
Quality Manager

Page 1/1
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-07-05-01** **Date: 06-07-17**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.

Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar.Bangalore-560010

Customer's Reference : BBMP/EE/DD/WO/117/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 05-07-17

Sample ID No : 2017-07-05-01/01

Customer ID : Drain concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 06/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain concrete	M20	29/06/2017	06/07/2017	151.42 X 149.38 X 150.37	22619	8.274	370.3	16.4	17.3
2	Drain concrete	M20	29/06/2017	06/07/2017	151.26 X 150.82 X 150.58	22813	8.198	394.7	17.3	
3	Drain concrete	M20	29/06/2017	06/07/2017	151.76 X 149.37 X 148.58	22668	8.237	412.6	18.2	

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TEST RESULTS OF STEEL

Lab ID	:	**CP-2017-06-22-04** **Date: 24-06-17**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at R.R layout near Mayur bakery Medrahalli in Ward no.12 in Shettyhalli Sub division.
Agency	:	Technical manager (West), karnataka Rural Infrastructure Development Limited, Project Implementation unit, No.280, 59th Cross, 17th 'C' main Road,
Customer's Reference	:	BBMP/EE/DD/WO/117/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-06-17
Sample ID No	:	2017-06-22-04/04
Sample Type	:	JSW
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	23-06-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	JSW	Fe500	8	0.394	551	681	19.0%	Satisfactory	Satisfactory
2	JSW	Fe500	10	0.617	572	695	21.0%	Satisfactory	Satisfactory

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Quality Manager

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